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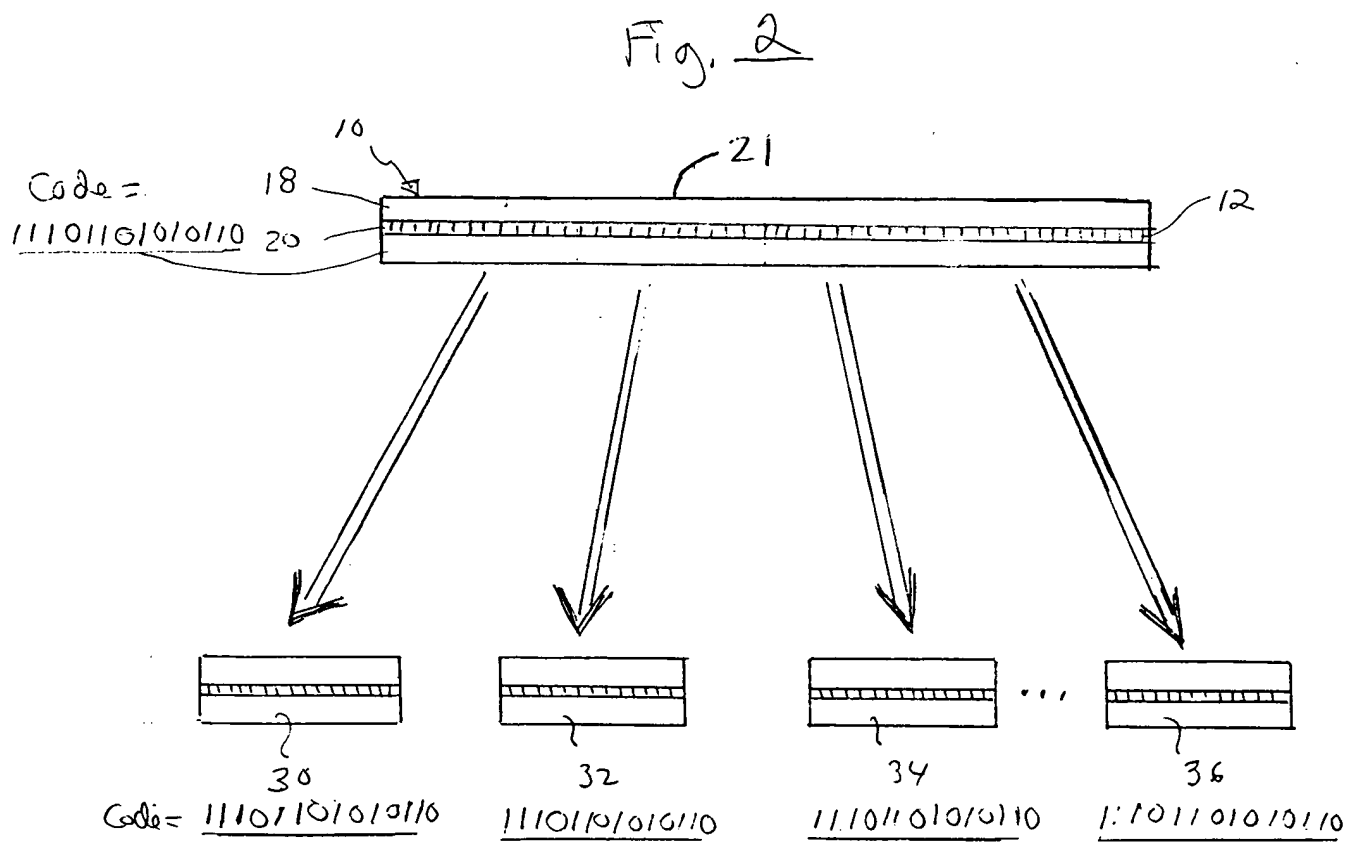
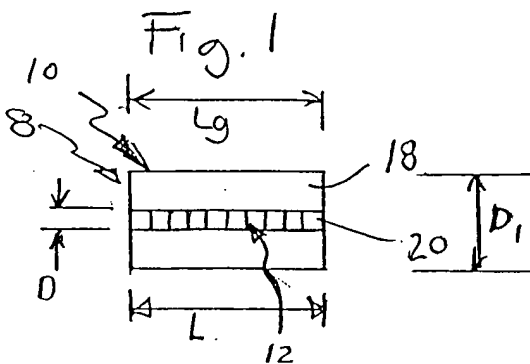
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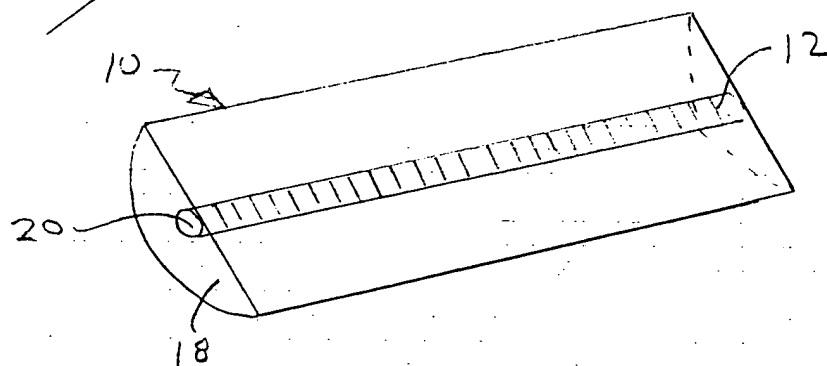
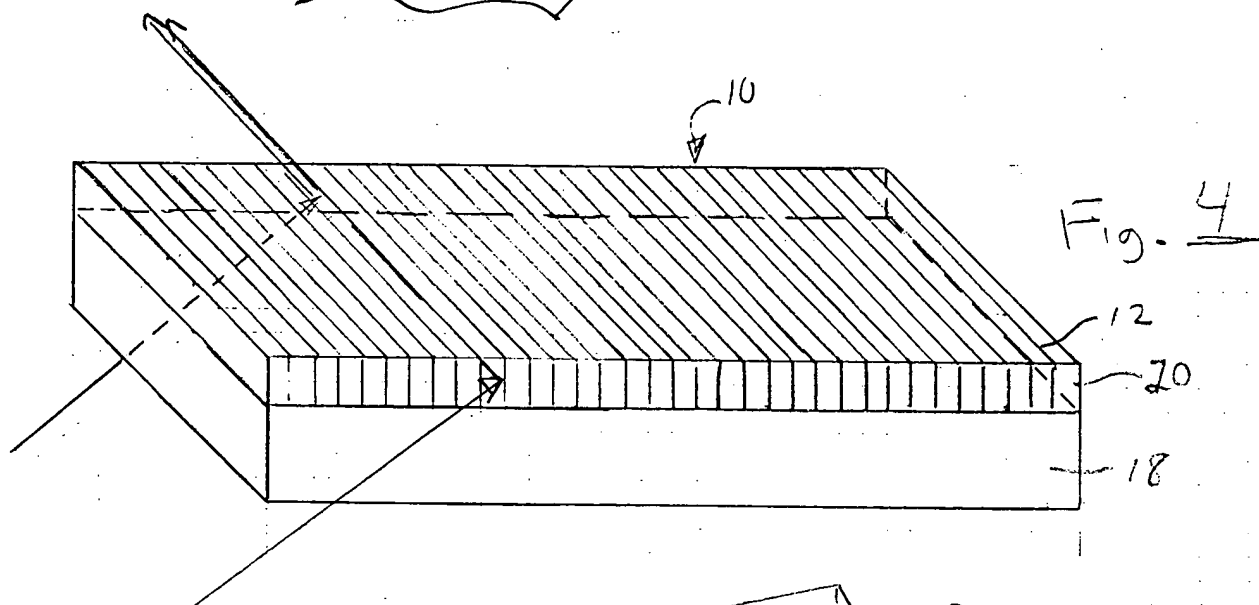
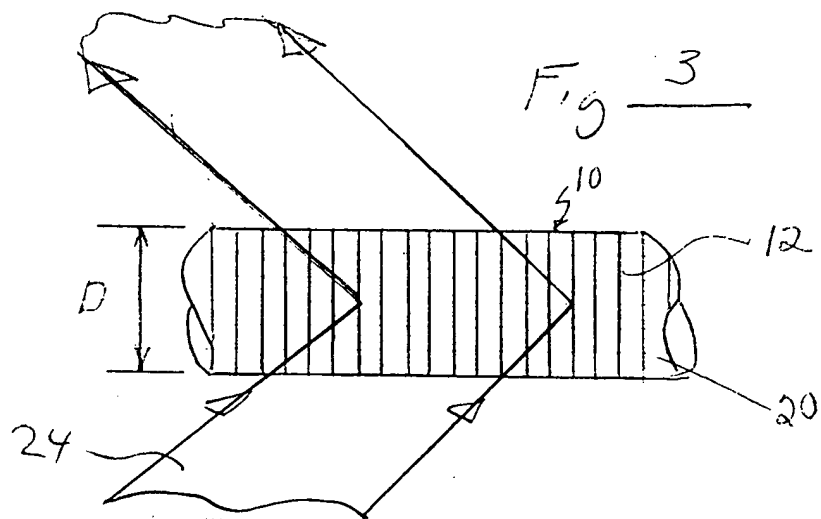
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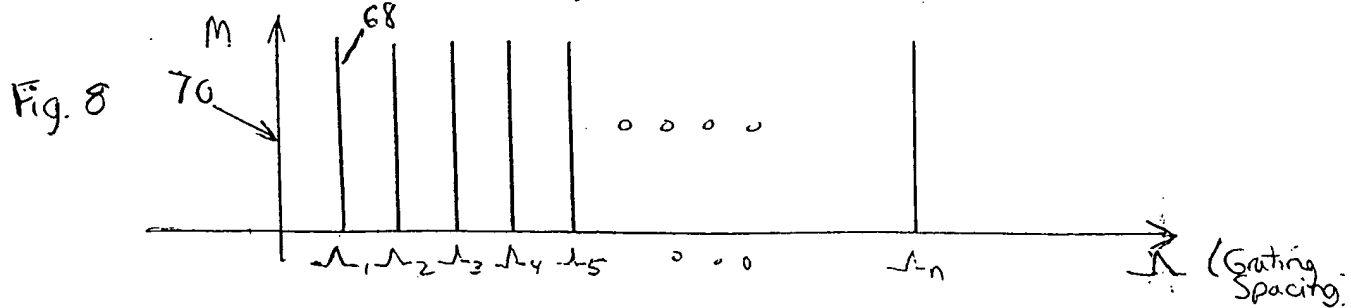
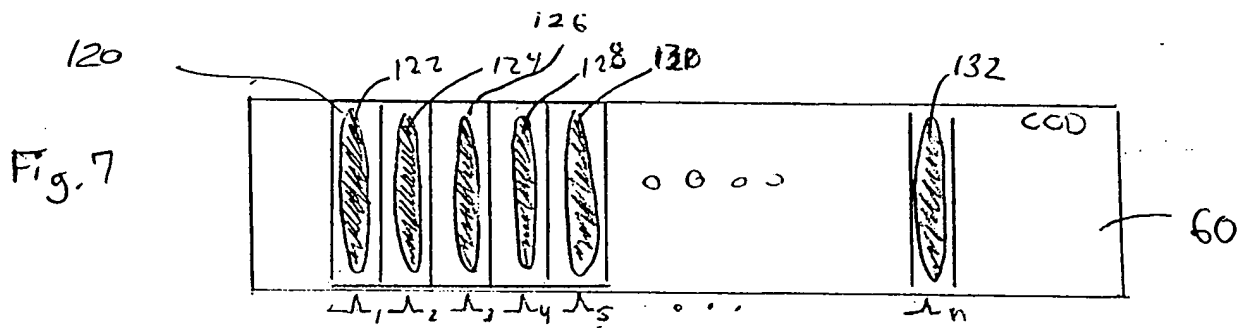
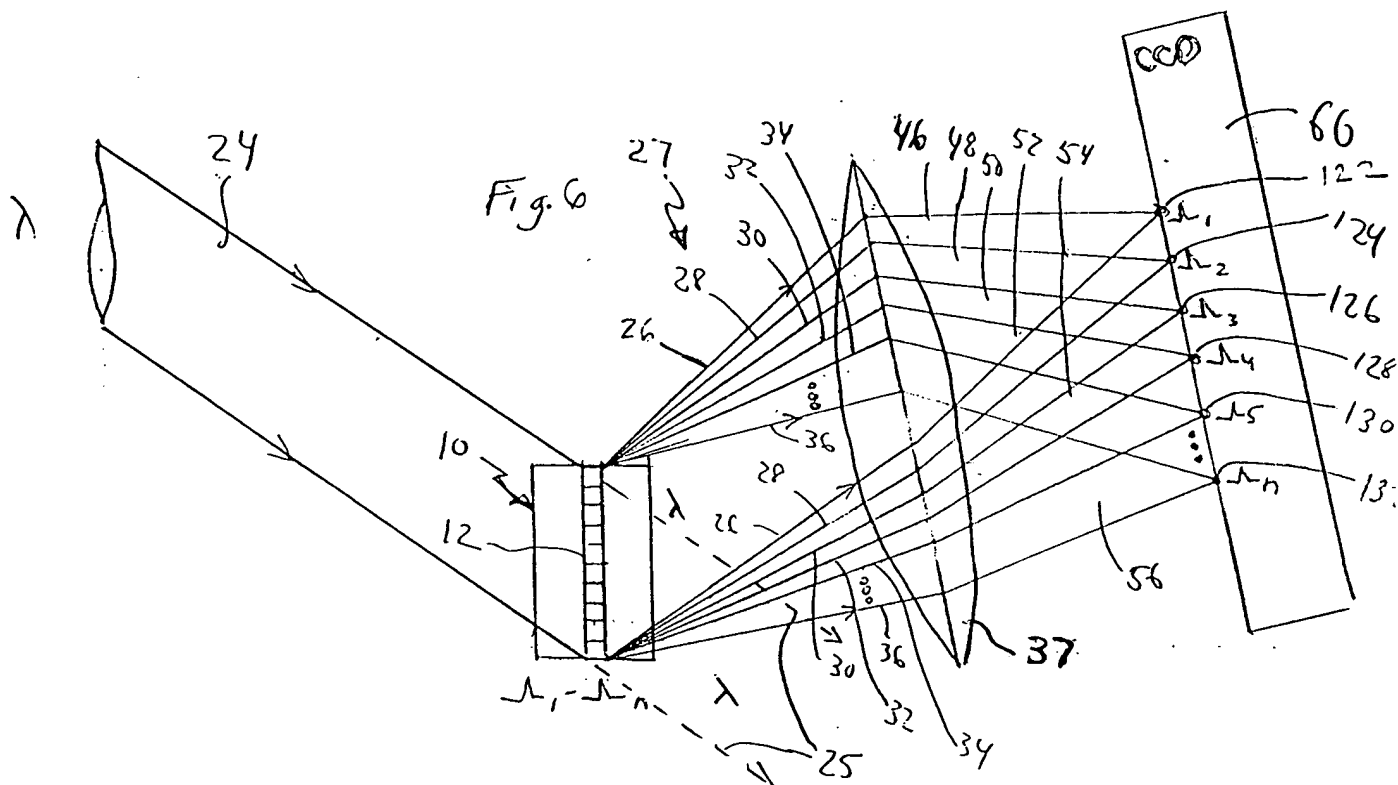
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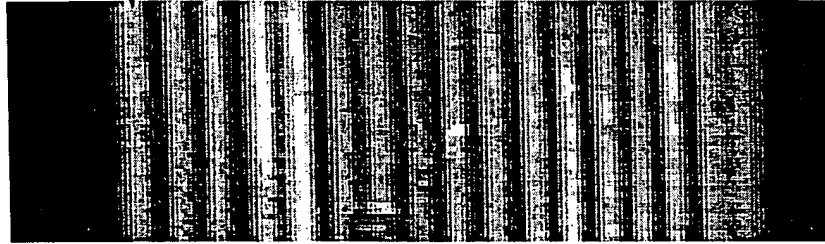


CC-0648



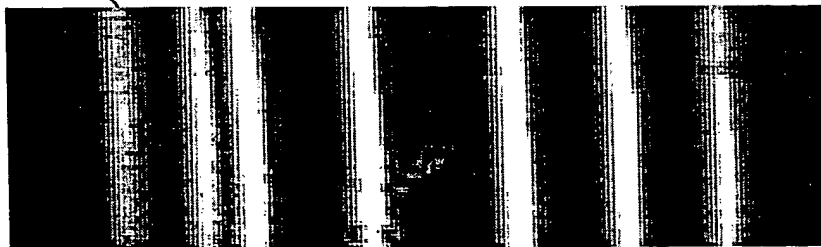


89 17 bits turned on



Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(a)

89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1
(b)

89 9 bits turned on



Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1
(c)

Fig: 10

CC-0648

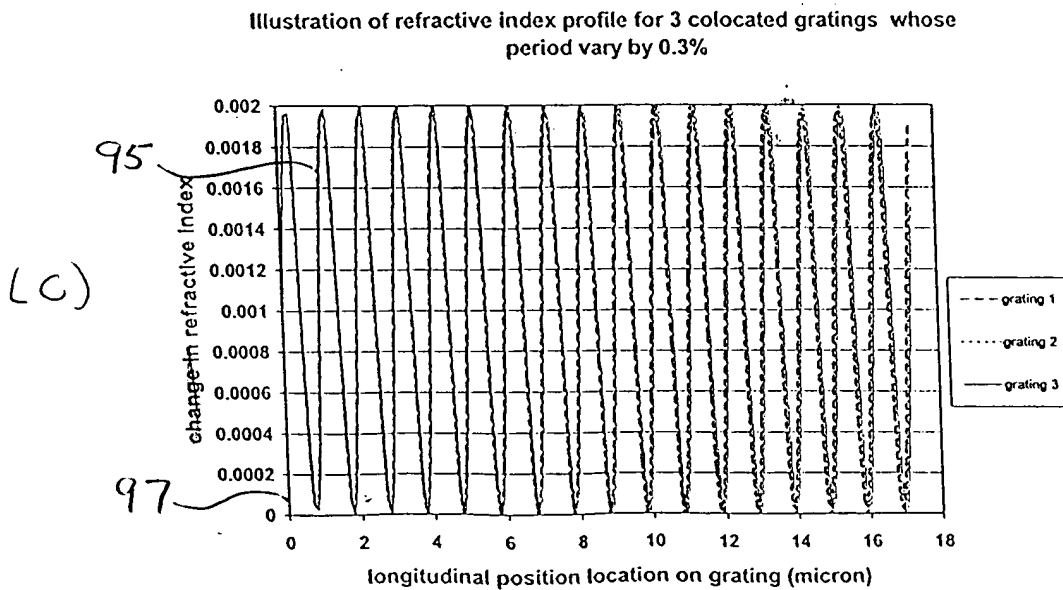
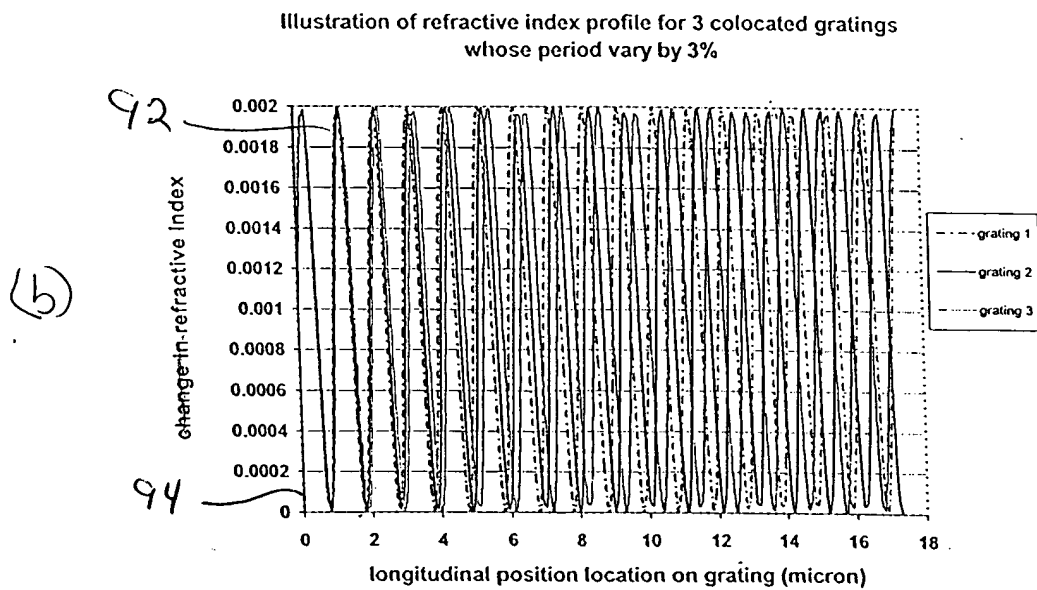
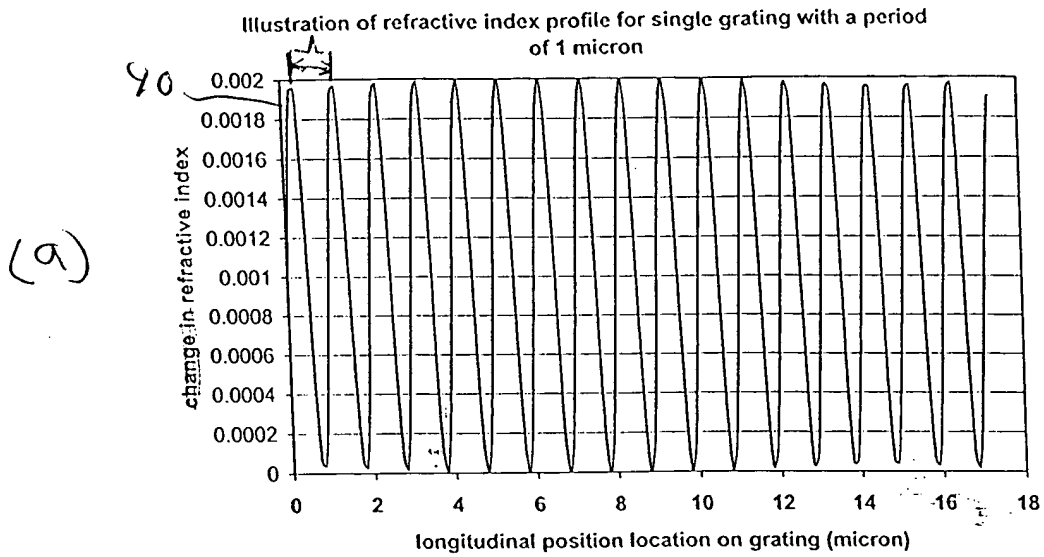


Fig. 10

CC-0648

(d)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

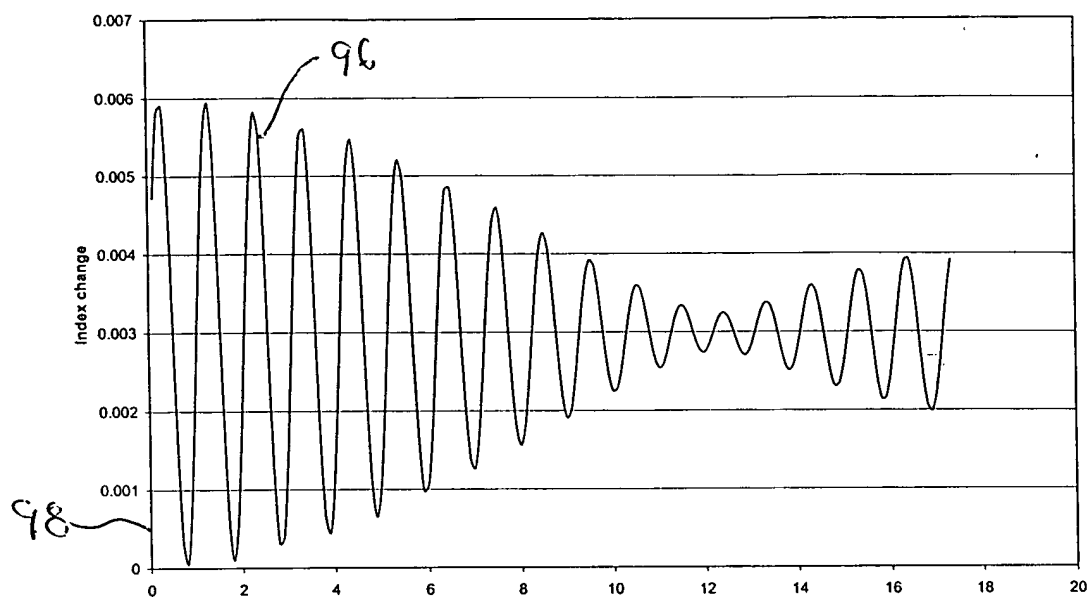


Fig. 11

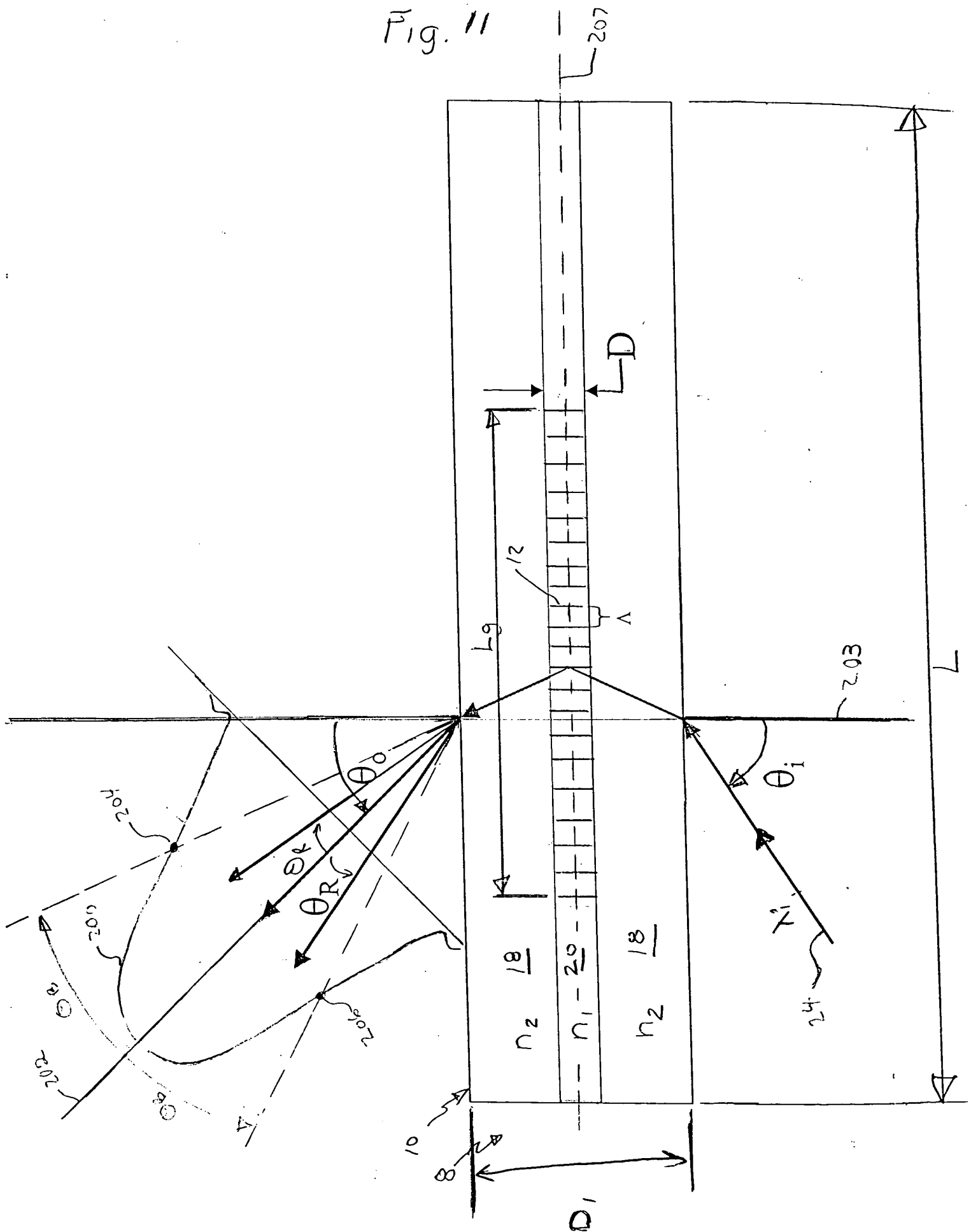


Fig. 15

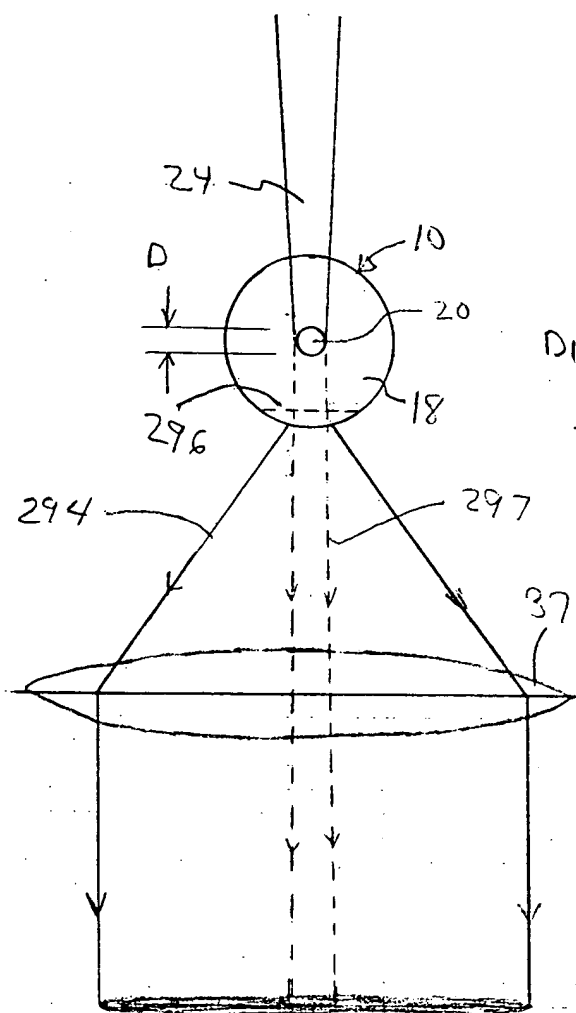


Fig. 14

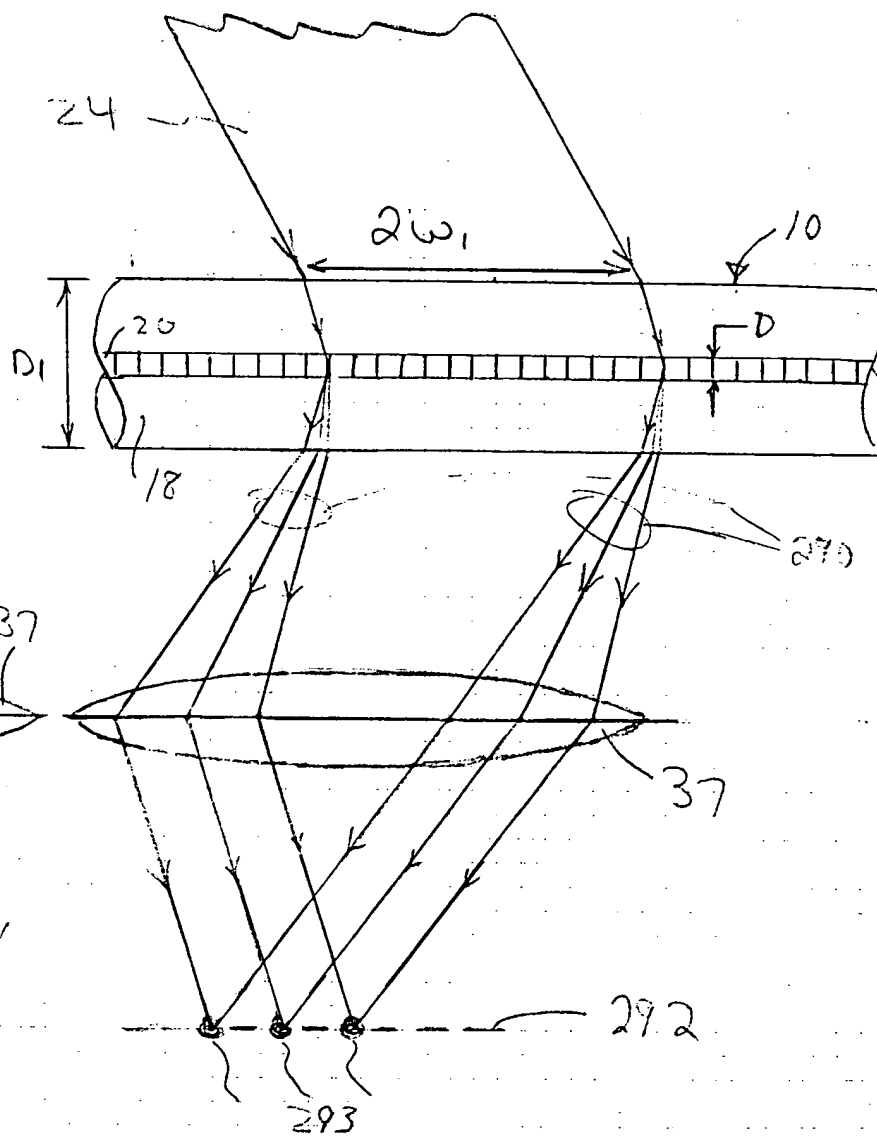


Fig. 13

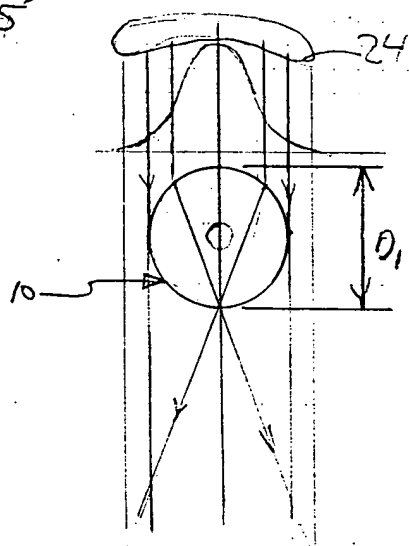


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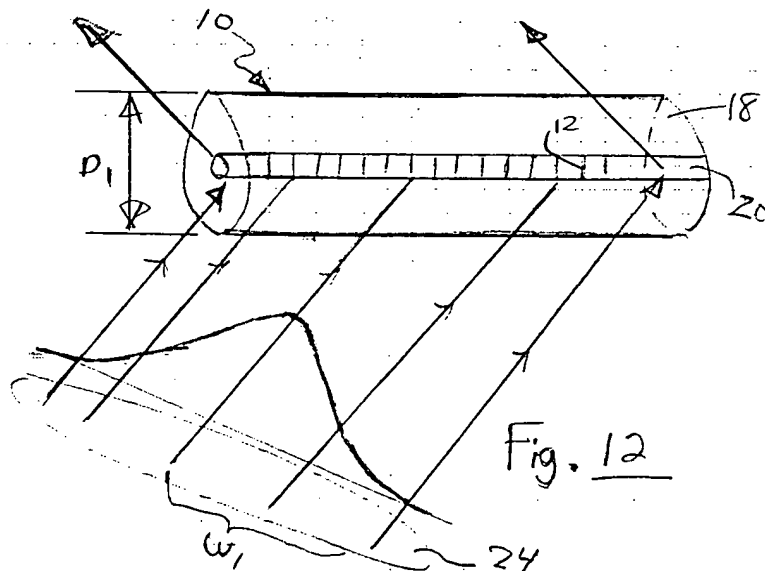


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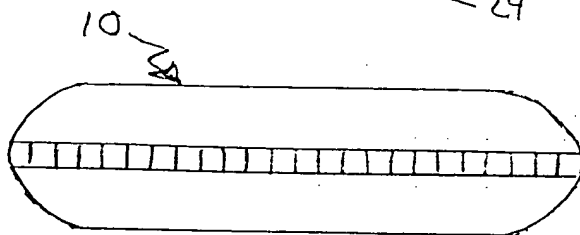
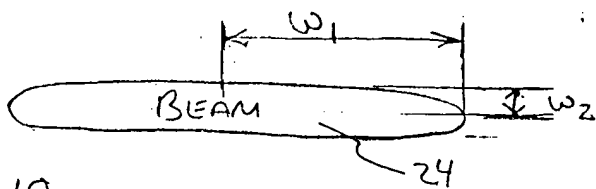
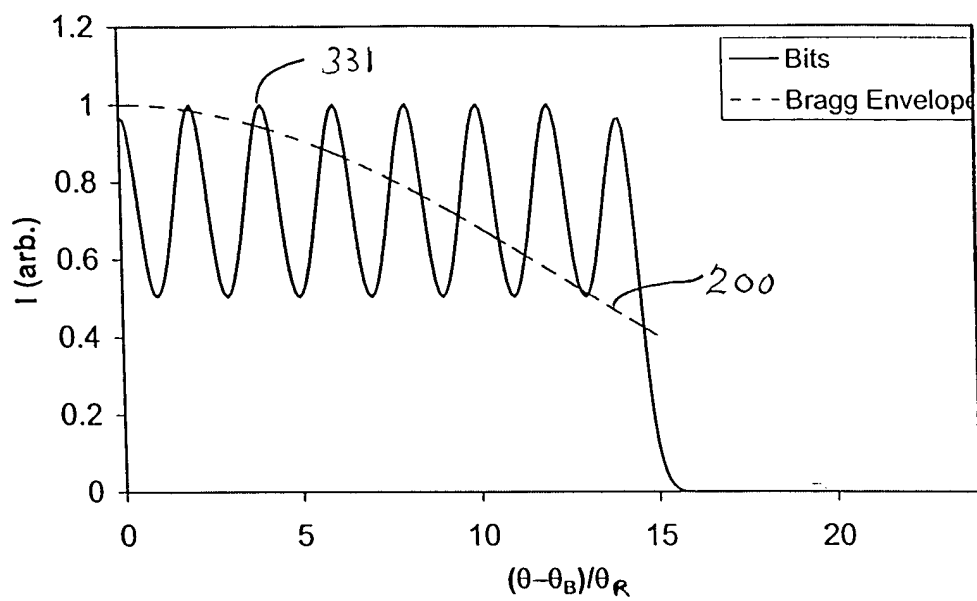
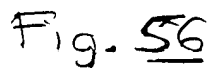


Fig. 17

Fig 18



CS-0548



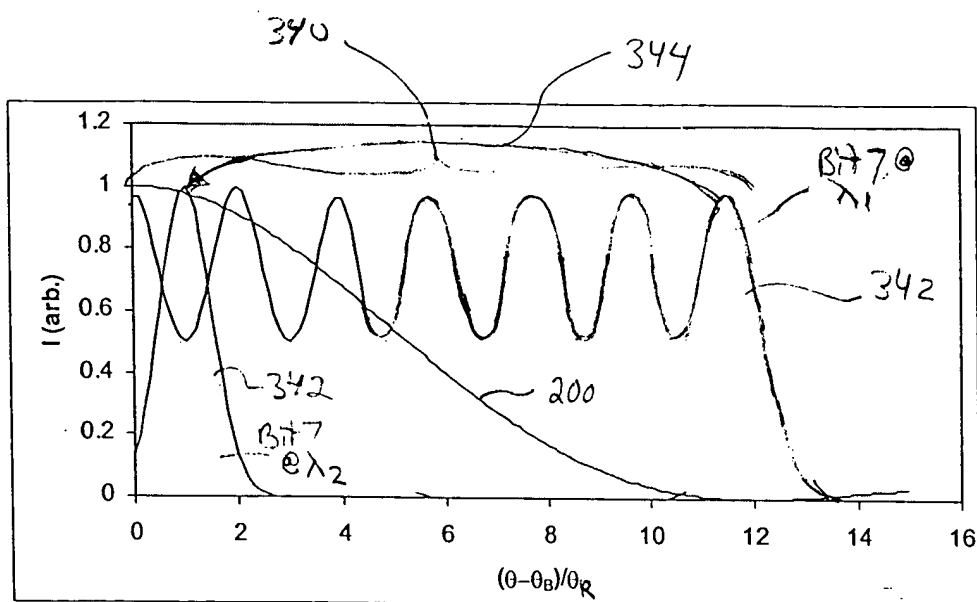


Fig. 20

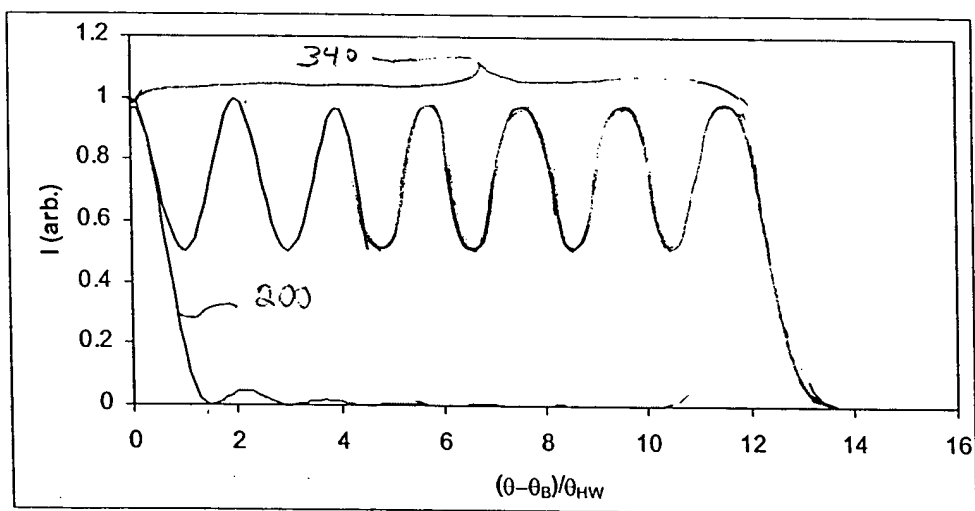


Fig. 21

Fig. 22

CC-0648

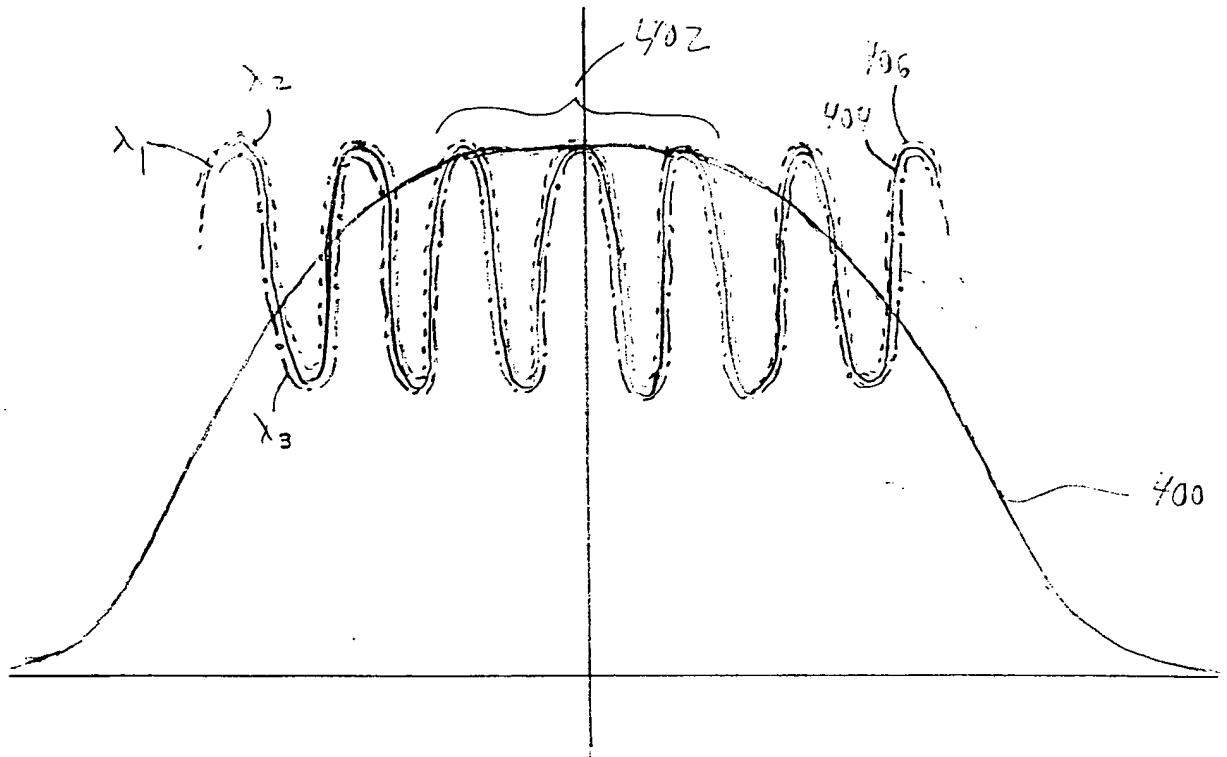


Fig. 27

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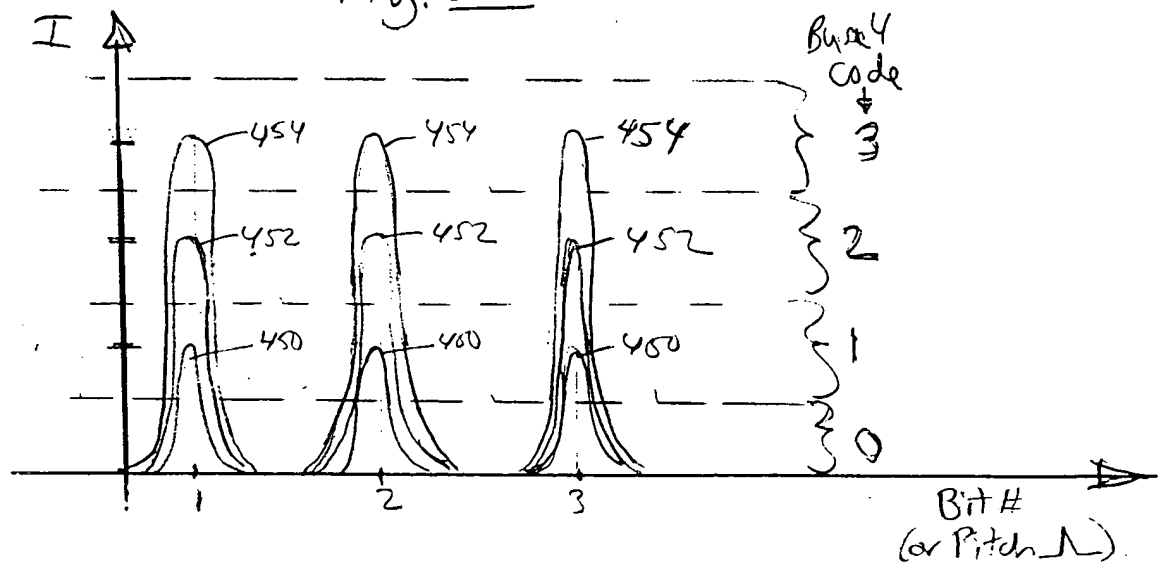
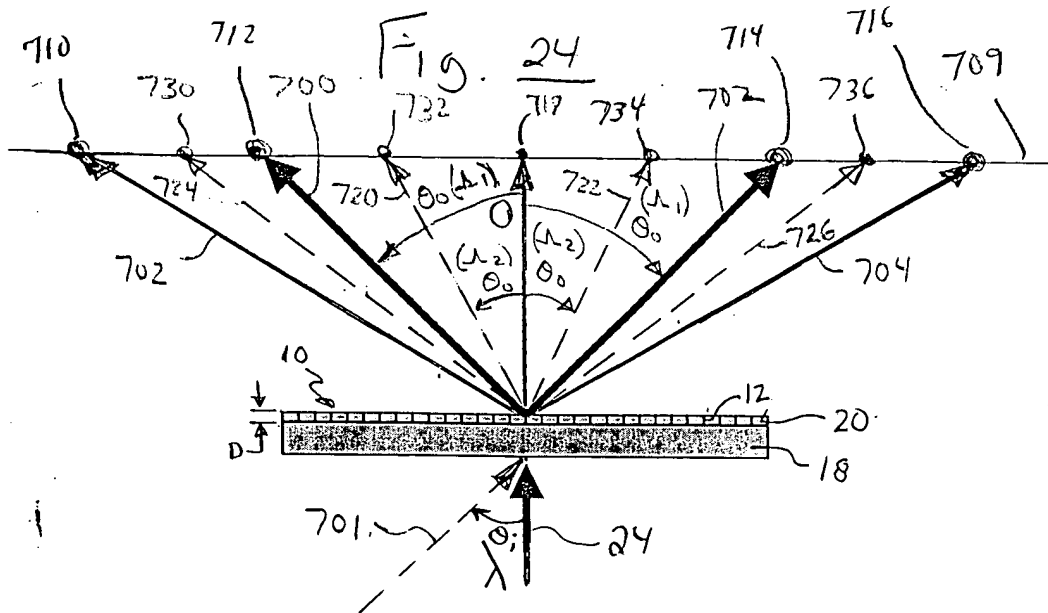
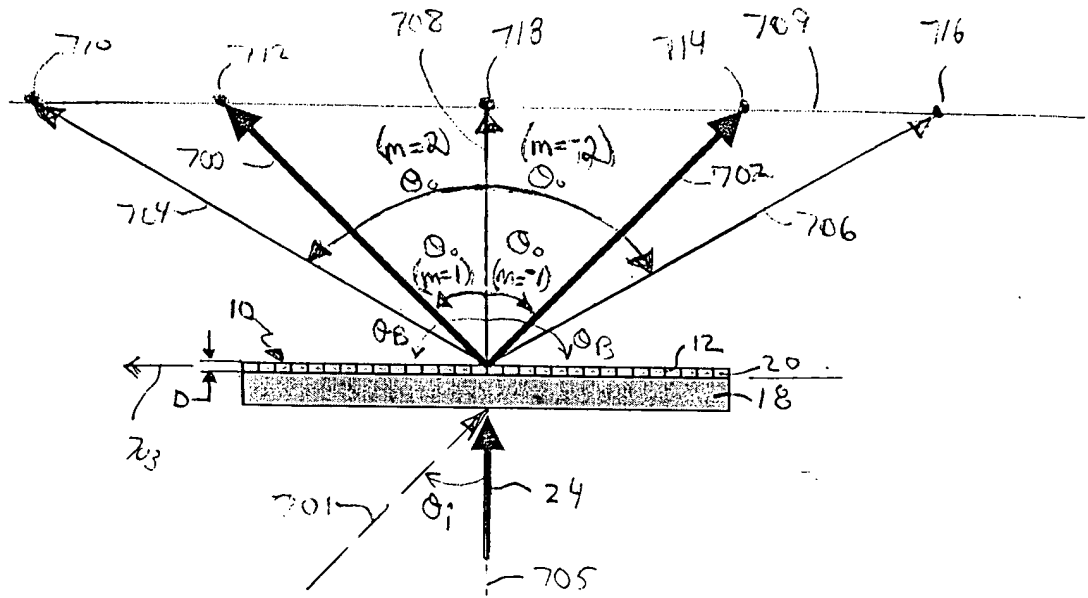


Fig. 23

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Fig. 25

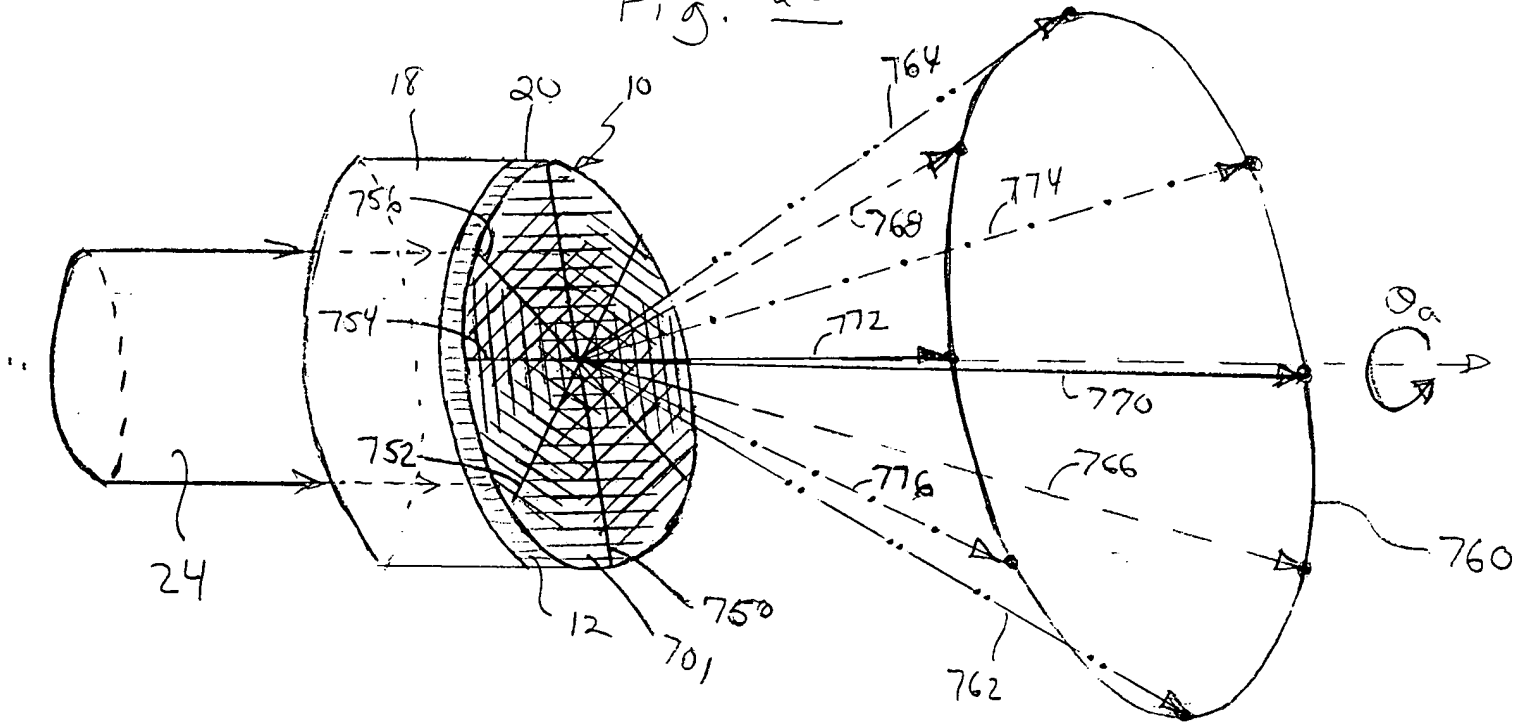
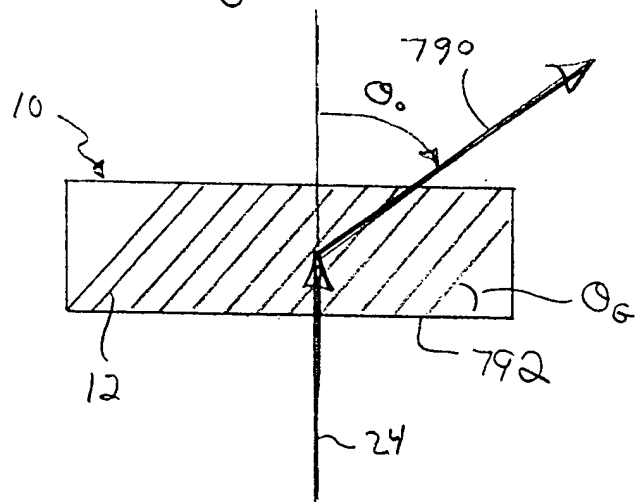


Fig. 26



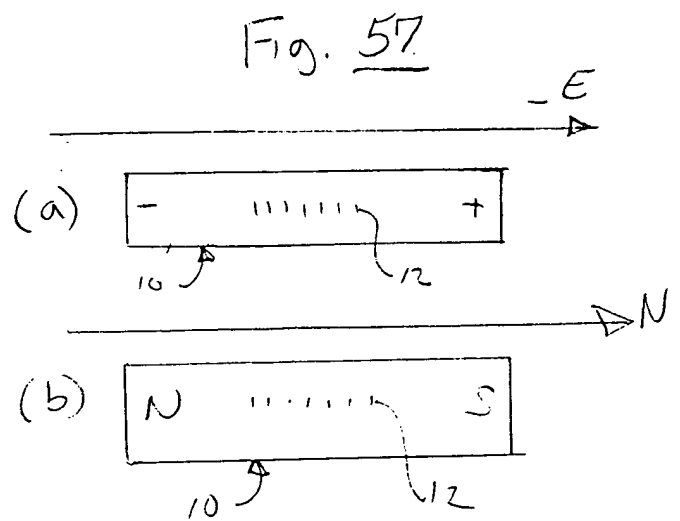
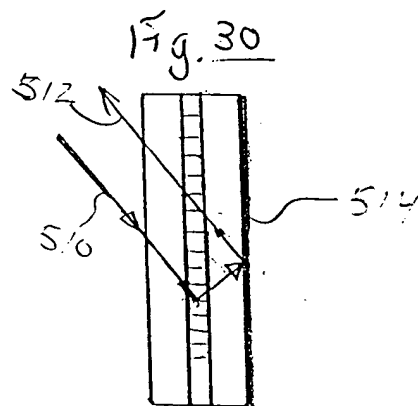
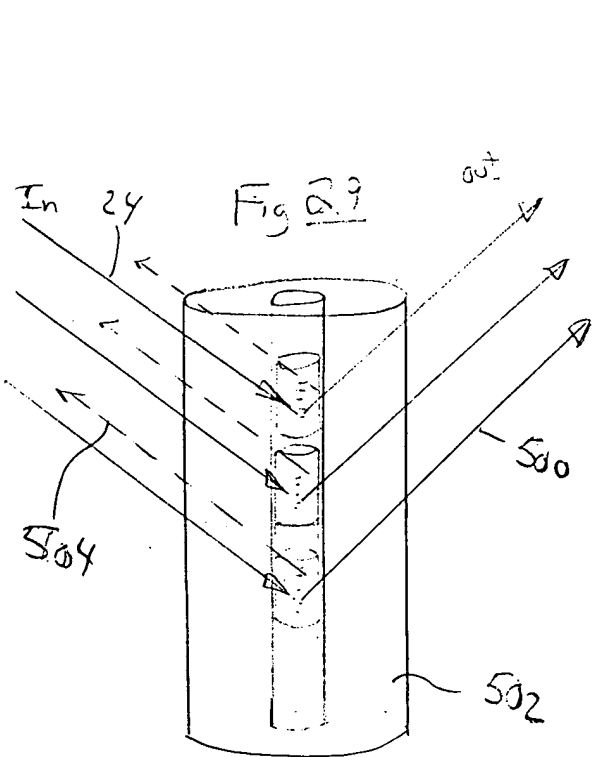
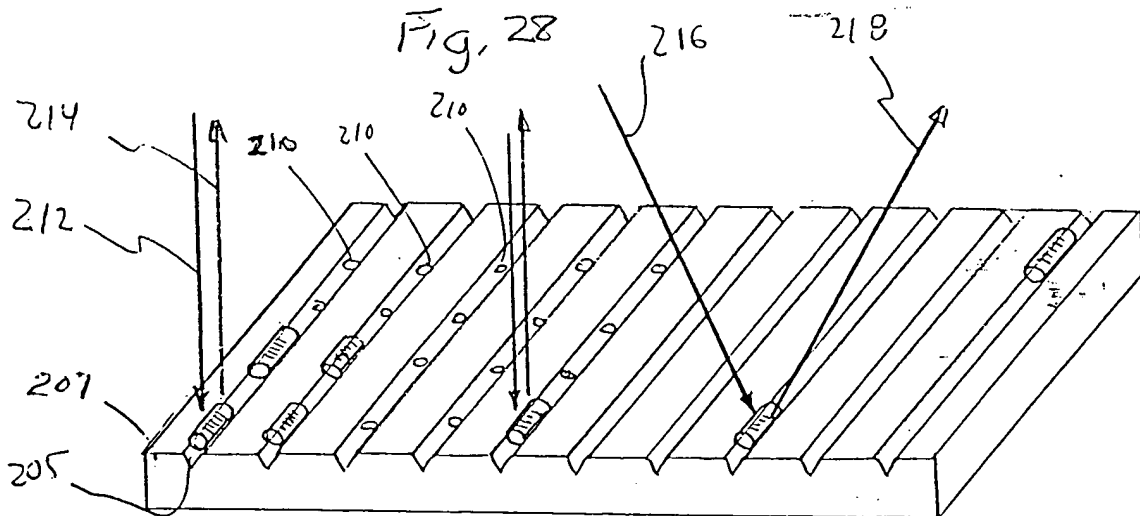


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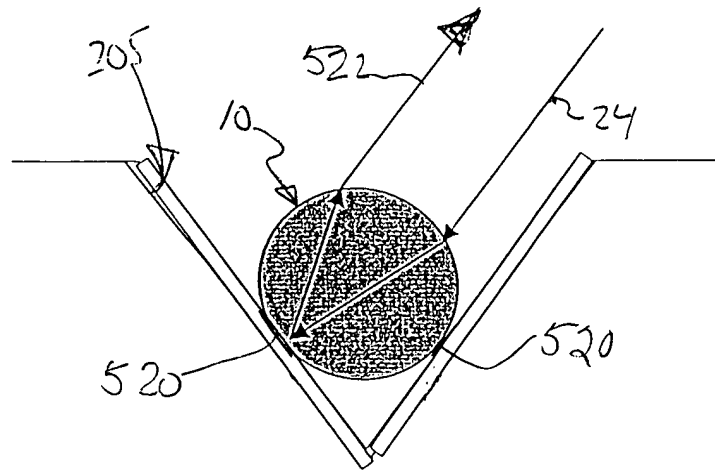
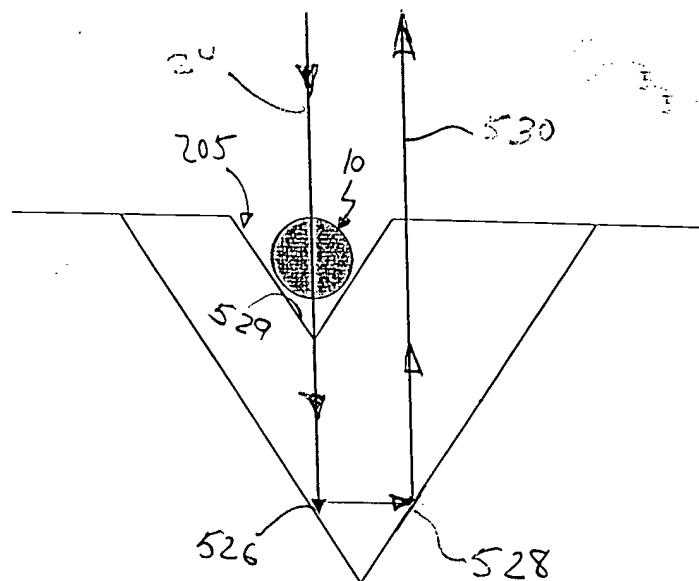


Fig. 32



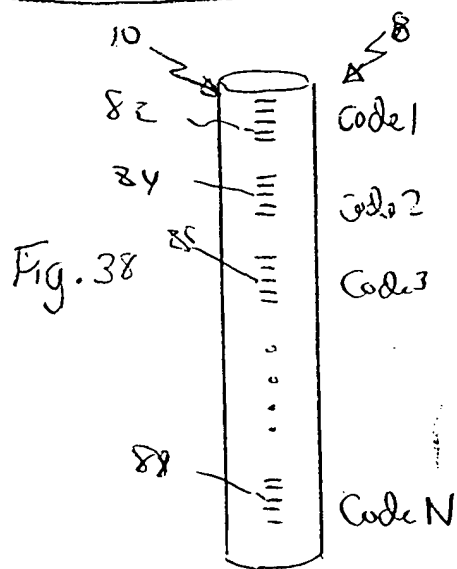
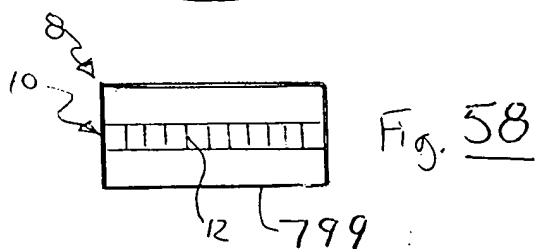
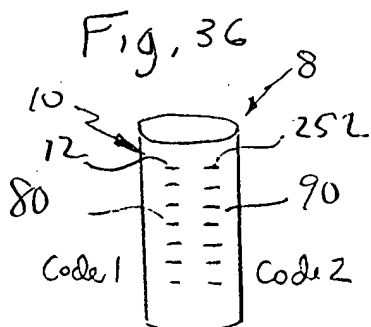
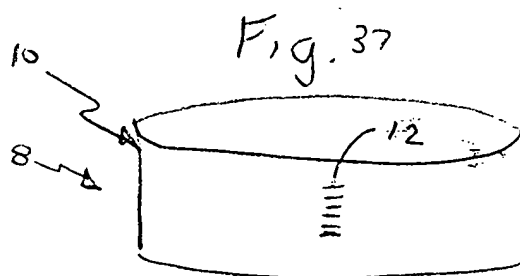
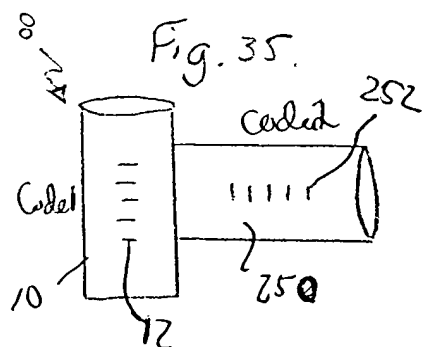
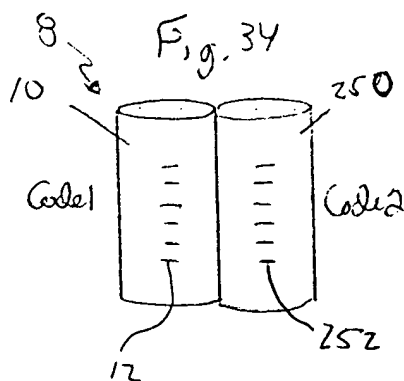
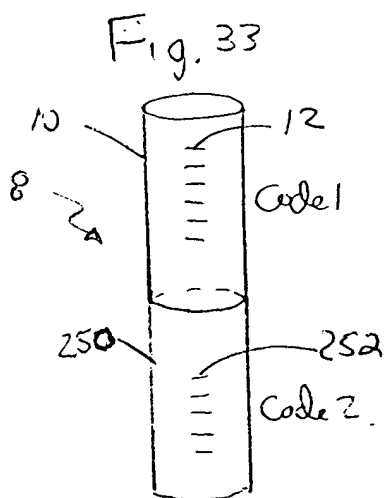


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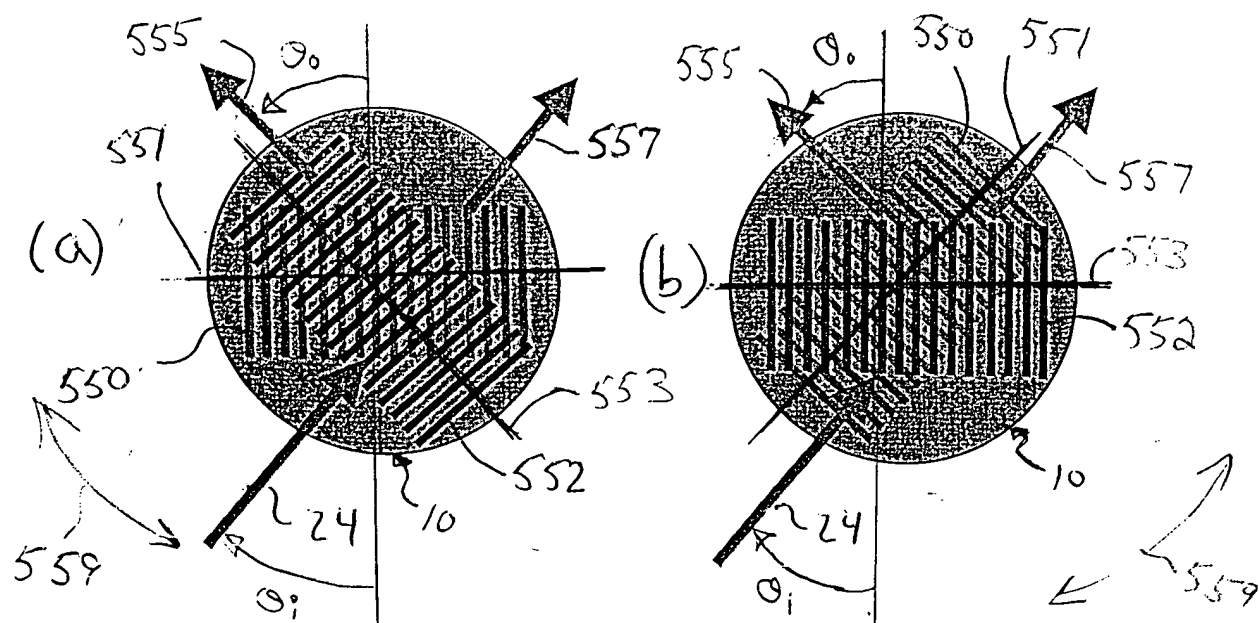
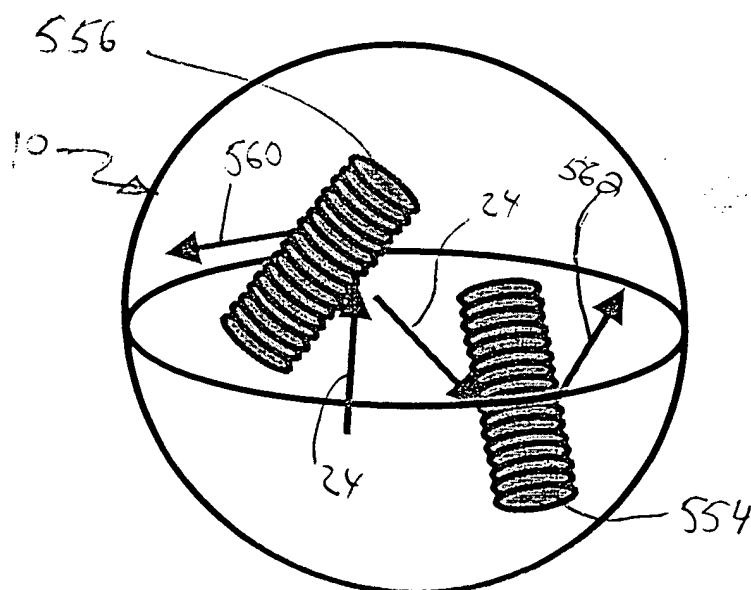


Fig. 40



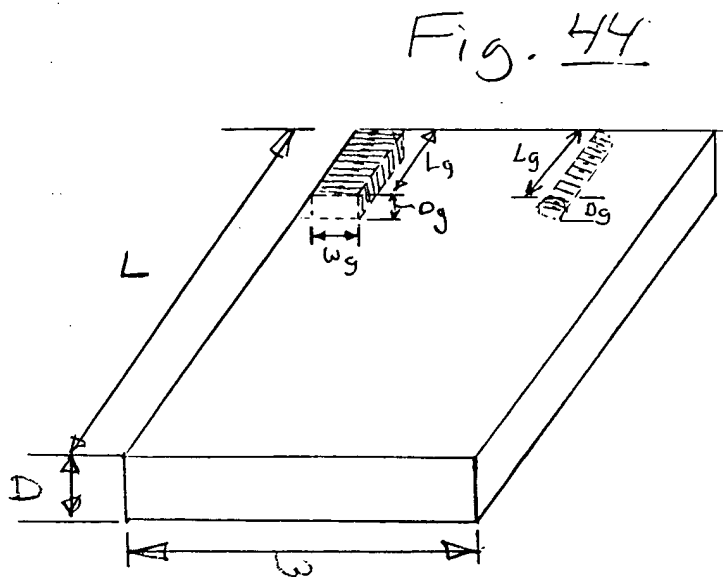
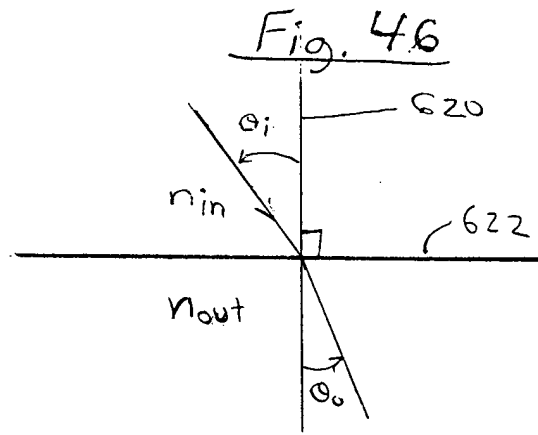
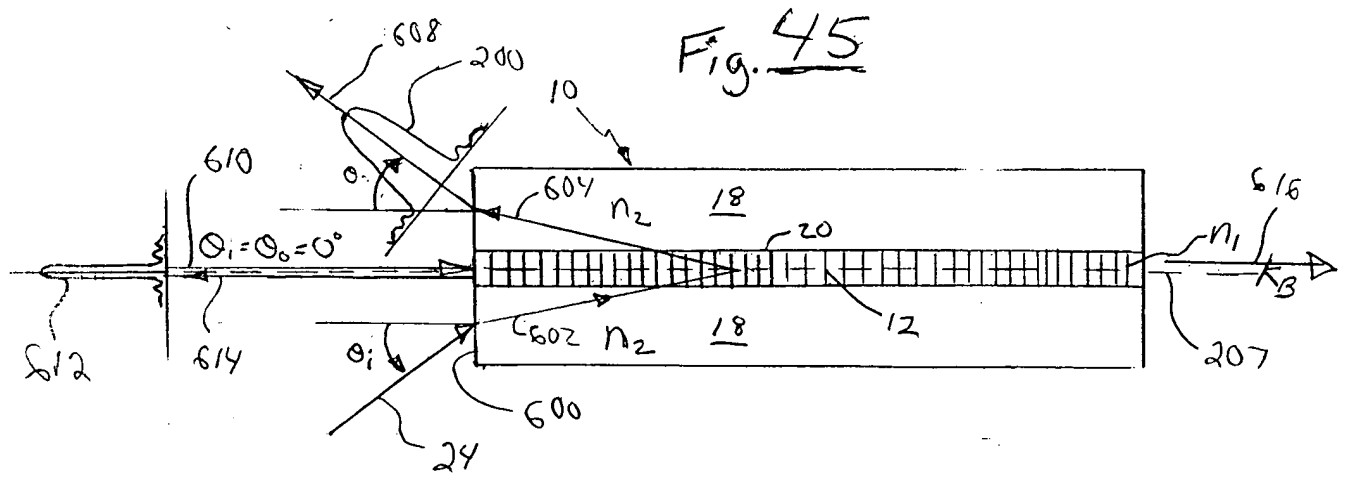


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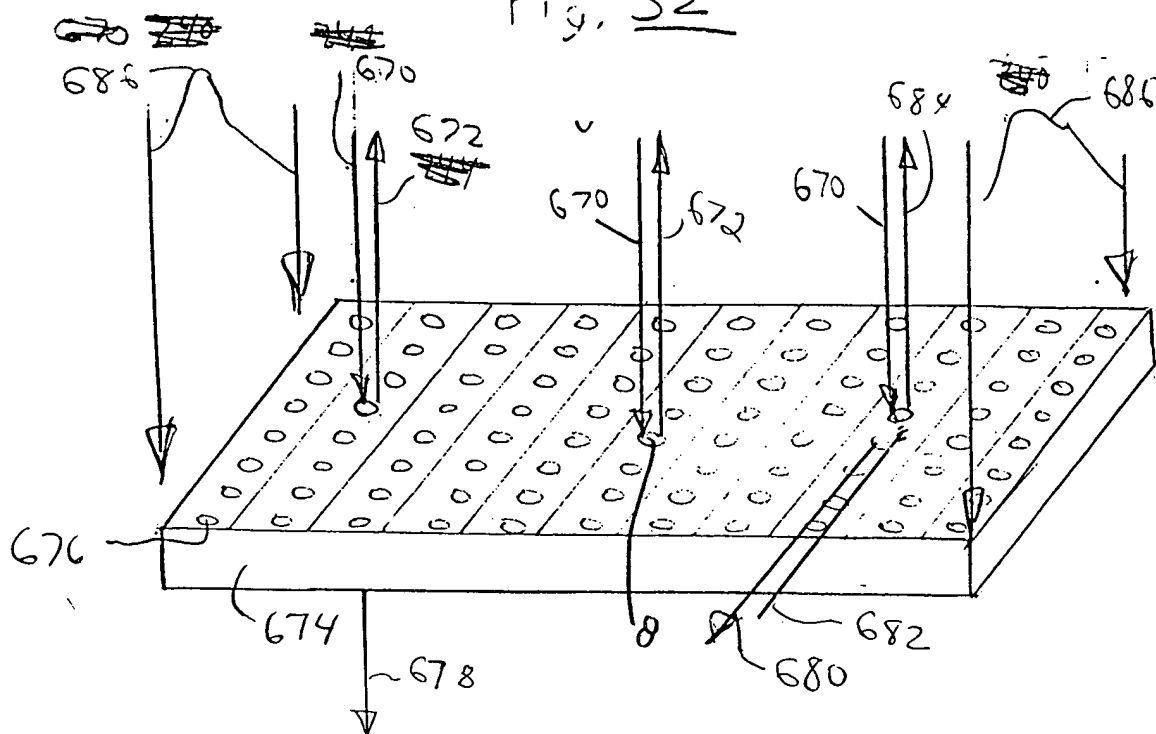
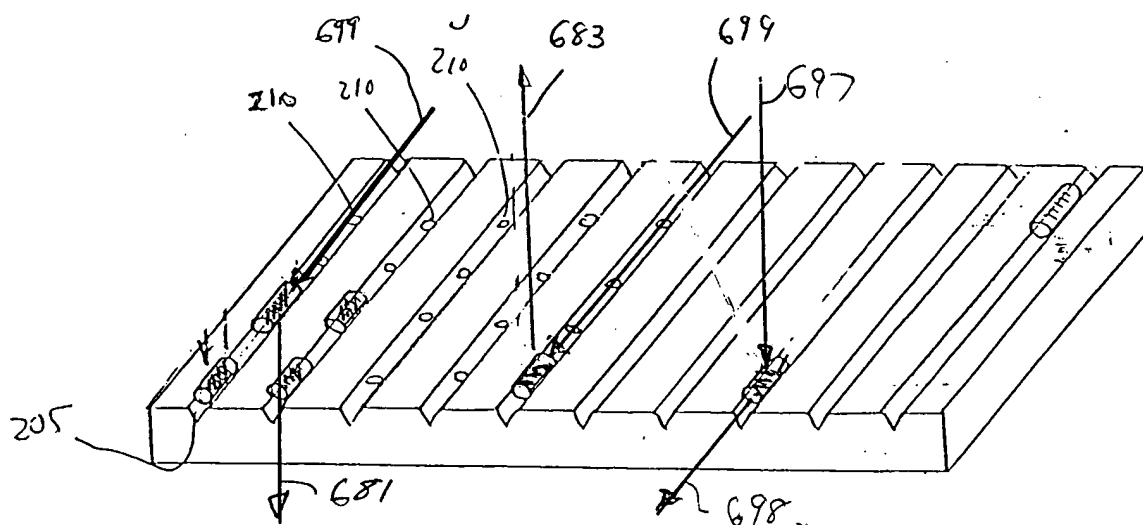


Fig. 53



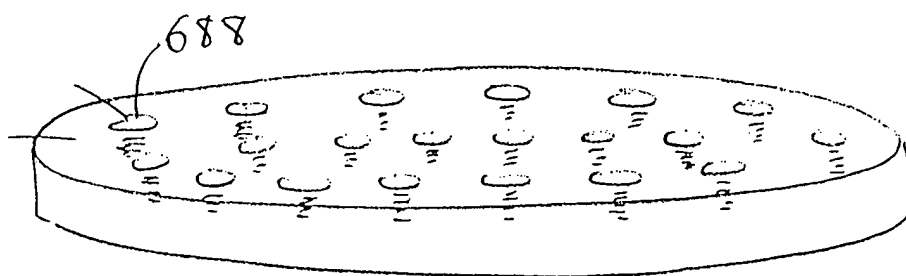


Fig. ~~54~~ 54

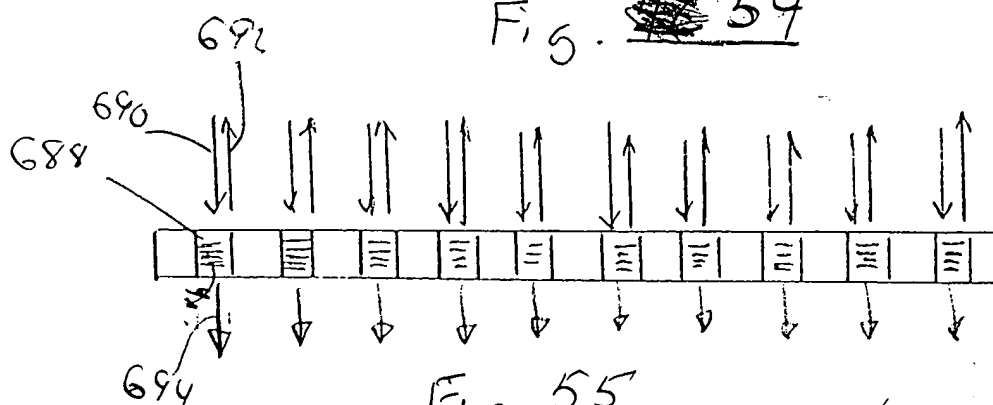


Fig. 55

Fig. 41

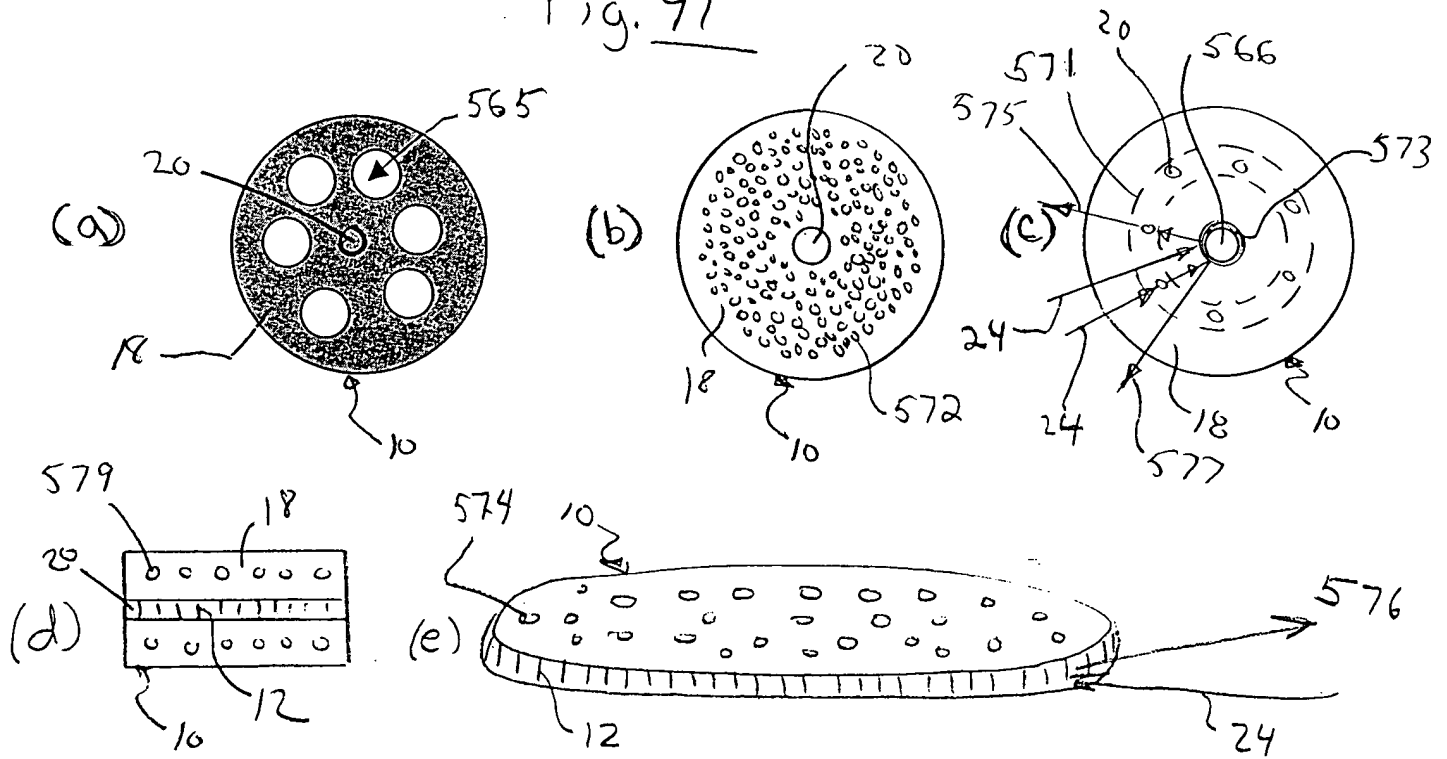


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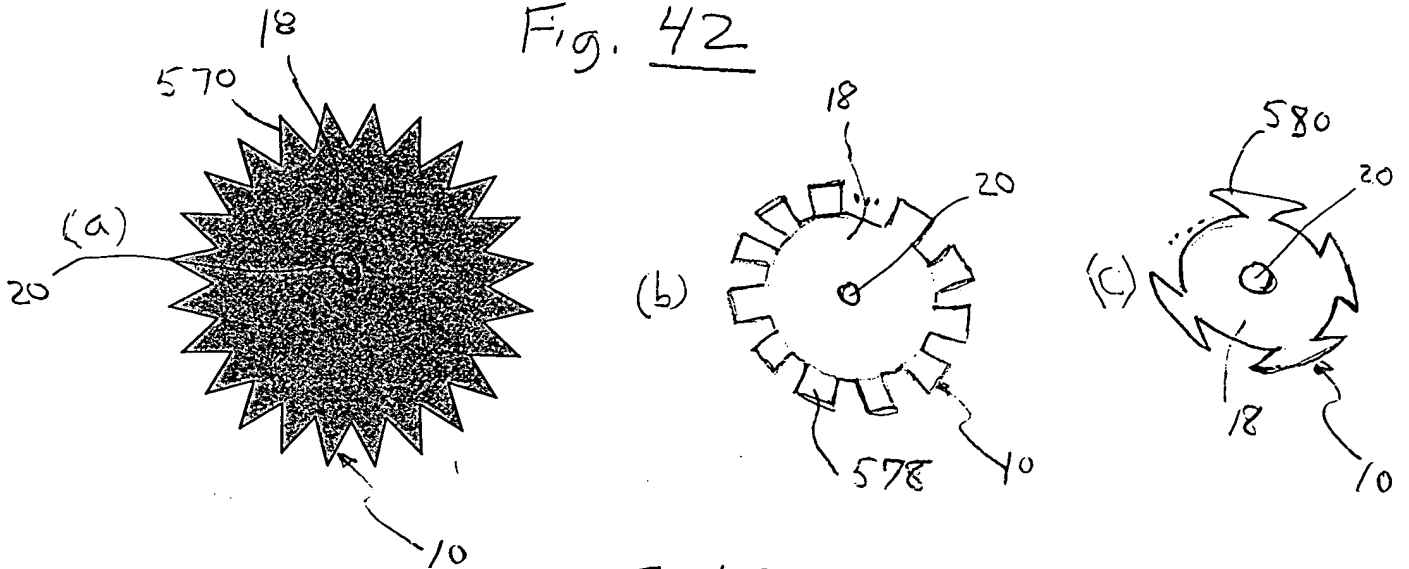


Fig. 43

